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PHYSICS



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Ihr Zeichen

Ihre Nachricht vom

Unser Zeichen Le/dz

February 02, 2016

Dear Neal,

I was very interested to hear about your Department of Energy proposal with Andrew Brandt and PHOTONIS. As you know, we have been testing the prototype PHOTONIS Planacons with your ALD coating for about four years: the standard ALD coating seems to give a lifetime increase of at least x40, while the newer tube with resistive and emissive coating is already at the x30 level and could end up being quite a bit higher. ALD coated devices are by far the best microchannel-plate phototubes we have ever tested.

We hope your proposal is successful and that these types of extended lifetime phototubes will soon become commercially available. Once the process is optimized, the PANDA experiment plans to purchase several hundred of ALD coated microchannel-plate phototubes for their Barrel and Endcap DIRCs.

Sincerely,

PD Dr. Albert Lehmann

